

<b>Response to Missing Requirements Under 35 USC § 371</b>	Attorney Docket No.: NIH227.001NP First Named Inventor: Ito Int'l Application No.: PCT/US03/09189 US Application No.: 10/509,697 Entered National Phase: September 30, 2004 Title: METHOD AND APPARATUS FOR COUNTERCURRENT CHROMATOGRAPHY
	Direct all correspondence to Customer No.: 45311

Date: June 3, 2005

Page 1 of 1

**Mail Stop PCT**

United States Patent and Trademark Office

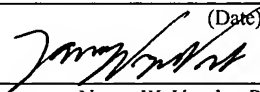
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I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: United States Patent and Trademark Office, PO Box 1450, Alexandria, VA 22313-1450, on

June 3, 2005

(Date)



Nancy W. Vensko, Reg. No. 36,298

Applicant herewith submits to the US Designated/Elected Office (DO/EO/US) the following items and other information:

- (X) This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 USC 371.
- (X) Copy of the Notification of Missing Requirements under 35 USC 371 dated April 22, 2005.
- (X) An Oath or Declaration signed by the inventor (35 USC 371(c)(4)) in 2 pages.
- (X) Return prepaid postcard.

**FILING FEES NOT YET PAID:**

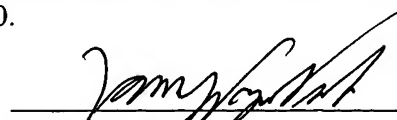
FEE CALCULATION				
FEE TYPE		LARGE FEE	CALCULATION	TOTAL
Late Oath/Decl.	37 CFR § 1.492(h)	1617 (\$130)		\$130
Excess Claims	24 - 20 = 4	1615 (\$50)	4 x 50 =	\$200
Excess Ind. Claims	8 - 3 = 5	1614 (\$200)	5 x 200 =	\$1000
			<b>SUB TOTAL</b>	<b>\$1330</b>
			<b>TOTAL FEE DUE</b>	<b>\$1330</b>

- (X) A check in the amount of **\$1330** is enclosed to cover the above fees.

The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 11-1410.

06/08/2005 SNAJARRO 00000041 10509697

01 FC:1617	130.00 OP
02 FC:1614	1000.00 OP
03 FC:1615	200.00 OP

  
 Nancy W. Vensko  
 Registration No. 36,298  
 Attorney of Record  
 Customer No. 45,311  
 (805) 547-5580

NPMP 1733222:vb 052705



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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U.S. APPLICATION NUMBER NO.

10/509,697

FIRST NAMED APPLICANT

Yoichiro Ito

ATTY. DOCKET NO.

NIH227.001NP

INTERNATIONAL APPLICATION NO.

PCT/US03/09189

I.A. FILING DATE

03/25/2003

PRIORITY DATE

04/05/2002

45311

KNOBBE, MARTENS, OLSON & BEAR, LLP  
2040 MAIN STREET  
FOURTEENTH FLOOR  
IRVINE, CA 92614

CONFIRMATION NO. 2179

371 FORMALITIES LETTER



\*OC000000015812692\*

Date Mailed: 04/22/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 09/30/2004
- Copy of the International Search Report filed on 09/30/2004
- Preliminary Amendments filed on 09/30/2004
- Request for Immediate Examination filed on 09/30/2004
- U.S. Basic National Fees filed on 09/30/2004
- Priority Documents filed on 09/30/2004

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of **\$1200** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- **\$130** Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$1330** for a Large Entity:

- \$130 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$ 1200
  - \$1000 for 5 independent claims over 3.
  - \$200 for 4 total claims over 20.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

CHARITTA A BURT

Telephone: (703) 308-9140 EXT 207

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/509,697	PCT/US03/09189	NIH227.001NP